

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): An image pickup apparatus comprising:
an image pickup unit for picking up an image of an object;
a detection circuit for detecting a flicker; and
a correction circuit for ~~adjusting~~ correlating an image pickup condition of said image pickup unit ~~in accordance with a detection result of~~ with an amplitude and period of the flicker detected by said detection circuit.

Claim 2 (original): An image pickup apparatus according to claim 1, wherein the image pickup condition is a condition for driving said image pickup unit.

Claim 3 (original): An image pickup apparatus according to claim 2, wherein, during a period other than a period during which the amount of light that causes the flicker is a predetermined value or smaller, said correction circuit permits said image pickup unit to accumulate photoelectric charges.

Claim 4 (original): An image pickup apparatus according to claim 1, further comprising:

a light source for emitting light,

wherein the image pickup condition is a light emission timing of said light source.

Claim 5 (currently amended): An image pickup apparatus according to claim 4, wherein, during ~~[[the]]~~ a period during which the amount of light that causes the flicker is ~~[[the]]~~ a predetermined value or smaller, said correction circuit permits said light source to emit light.

Claim 6 (currently amended): An image pickup apparatus according to claim 4, wherein, during ~~[[the]]~~ a period during which the amount of light that causes the flicker is ~~[[said]]~~ a predetermined value or smaller, said correction circuit increases the amount of light emitted by said light source.

Claim 7 (currently amended): An image pickup apparatus according to claim 4, wherein said correction circuit makes a period of the flicker and ~~[[the]]~~ a period during which said image pickup unit accumulates photoelectric charges, substantially equal to each other.

Claim 8 (withdrawn): An image pickup apparatus comprising:
an image pickup unit including a plurality of photoelectric conversion units for picking up an image of an object; and
a filter, arranged on said image pickup unit, for reducing a light amount that causes a flicker.

Claim 9 (withdrawn): An image pickup apparatus comprising:
an image pickup unit including a plurality of photoelectric conversion units for picking up an image of an object; and
a silicon member, arranged on said image pickup unit, that has a thickness of 50 to 100 μm .

Claim 10 (withdrawn): An image pickup apparatus comprising:

an image pickup unit for picking up an image of an object;

a light source, arranged on a side face of said image pickup unit;

a light shielding unit, arranged on said side face of said image pickup unit, for shielding light emitted by said light source; and

a light guiding member, arranged on said side face of said image pickup unit, for guiding said light emitted by said light source.